

## **CHAPTER 24:15:06**

### **REQUIREMENTS FOR EDUCATION ENDORSEMENT PROGRAMS**

#### **Section**

- 24:15:06:01 Authority of department to issue certificate based on endorsement level of preparation.
- 24:15:06:02 Birth through preschool education endorsement program.
- 24:15:06:03 Kindergarten education endorsement program.
- 24:15:06:04 5-8 middle level education endorsement program.
- 24:15:06:05 5-8 middle level education endorsement programs for content areas.
- 24:15:06:06 7-12 language arts education endorsement program.
- 24:15:06:07 7-12 mathematics education endorsement program.
- 24:15:06:08 7-12 science education endorsement program.
- 24:15:06:09 7-12 social science education endorsement program.
- 24:15:06:10 7-12 vocational-technical education endorsement programs.
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- 24:15:06:14 K-12 art education endorsement program.
- 24:15:06:15 K-12 comprehensive school health education endorsement program.
- 24:15:06:16 K-12 educational technology endorsement program.
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- 24:15:06:19 K-12 physical education endorsement program.
- 24:15:06:20 K-12 adapted physical education endorsement program.
- 24:15:06:21 K-12 South Dakota Indian studies education endorsement program.

24:15:06:22 K-12 deaf or hearing impaired endorsement program.

24:15:06:23 Birth through preschool special education endorsement program.

24:15:06:24 K-12 world language education endorsement program.

24:15:06:25 K-12 English as a new language education endorsement program.

24:15:06:26 K-12 gifted education endorsement program.

24:15:06:27 K-12 American Sign Language education endorsement program.

24:15:06:28 K-12 Braille education endorsement program.

24:15:06:29 K-12 Lakota languages education endorsement program.

24:15:06:30 7-12 driver education endorsement program.

24:15:06:31 Junior ROTC education endorsement program.

24:15:06:32 Coach education endorsement programs.

24:15:06:33 Preschool through grade 8, grade 7 through grade 12, or preschool through grade 12 principal endorsement program.

24:15:06:34 Preschool through grade 12 school superintendent endorsement program.

24:15:06:35 Birth to age 21 school psychological examiner education endorsement program.

24:15:06:36 Preschool through grade 12 principal endorsement program.

24:15:06:37 K-12 blind or visually impaired endorsement program.

24:15:06:38 Business official endorsement.

24:15:06:39 K-12 mathematics specialist endorsement

24:15:06:40 K-12 science specialist endorsement

**24:15:06:39. K-12 mathematics specialist endorsement.** A K-12 mathematics specialist program shall require the following:

- (1) Advanced certification;
- (2) Three years of experience teaching mathematics in a K-12 setting;
- (3) A demonstrated understanding of:

- (a) K-12 mathematical concepts, process standards, and pedagogical content knowledge at the depth required for effective teaching;
  - (b) The process of learning mathematics through inquiry;
  - (c) The historical development of mathematical ideas;
  - (d) Connections of concepts across grade levels and connections to other disciplines;
  - (e) Current issues in mathematics education reform (e.g. measurement of student achievement, legislation, state and national standards); and
- (4) The study of and actual or simulated experience in the following areas:
- (a) Use of mathematics education research to facilitate learning among all students;
  - (b) Evaluation of student understanding through observation, written assessments, and student questioning;
  - (c) Use of manipulatives and technology across all strands of mathematical content to build student understanding;
  - (d) Use of multiple pedagogical approaches and awareness of potential benefits, challenges, and research base of each; and
  - (e) Instructional leadership to support the professional growth of other teachers and to provide guidance for parents, administrators, and the broader community.

**Source:**

**General Authority:** SDCL 13-1-12.1, 13-42-3.

**Law Implemented:** SDCL 13-42-3, 13-42-4.

**24:15:06:40. K-12 science specialist endorsement.** A K-12 science specialist program shall require the following:

- (1) Advanced certification;
- (2) Three years of experience teaching science in a K-12 setting;

(3) A demonstrated understanding of:

- (a) K-12 scientific concepts and pedagogical content knowledge at the depth required for effective teaching;
- (b) The nature of scientific inquiry and the process of learning science through inquiry;
- (c) The historical development of scientific ideas;
- (d) Connections of concepts across grade levels and connections to other disciplines;
- (e) Current issues in science education reform (e.g. measurement of student achievement, legislation, state and national standards); and

(4) The study of and actual or simulated experience in the following areas:

- (a) Use of findings from science education research to facilitate learning among all students;
- (b) Evaluation of student understanding through written assessments, observation, and student questioning;
- (c) Use of manipulatives and technology across all strands scientific content areas to build student understanding;
- (d) Use of multiple pedagogical approaches and awareness of potential benefits, challenges, and research base of each; and
- (e) Instructional leadership to support the professional growth of other teachers and to provide guidance for parents, administrators, and the broader community.

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**Source:**

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**General Authority:** SDCL 13-1-12.1, 13-42-3.

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**Law Implemented:** SDCL 13-42-3, 13-42-4.